REPORT RESUMES

RESEARCH IN INTERNATIONAL EDUCATION—RESEARCH IN PROGRESS AND RESEARCH RECENTLY COMPLETED, 1966-67 SURVEY.

BY- GIACALONE, CAROLYN DAVIS, DOLORES

NÅTIONAL ASSN. FOR FOREIGN STUDENT AFFAIRS
INSTITUTE OF INTERNATIONAL EDUCATION, NEW YORK, N.Y
REPORT NUMBER IIE—NAFSA-2

EDRS PRICE MF-\$0.50 HC-\$2.56 64P.

DESCRIPTORS- *INTERNATIONAL EDUCATION, *FOREIGN STUDENTS, *RESEARCH PROJECTS, *BIBLIOGRAPHIES

THIS REPORT DESCRIBES RESEARCH STUDIES IN INTERNATIONAL EDUCATION—BOTH RESEARCH IN PROGRESS AND RESEARCH RECENTLY COMPLETED. INCLUDED ARE (1) THE AUTHORS' NAMES AND ADDRESSES, (2) A SUMMARY OF THE PURPOSE, SCOPE, METHOD, AND MAJOR FINDINGS OF STUDY, AND (4) THE ADDRESSES FROM WHICH COPIES MAY BE SECURED. THE CONTENTS ARE DIVIDED INTO 13 BROAD SUBJECT CATEGORIES—EDUCATION ABROAD, EDUCATION AND DEVELOPMENT, INTERNATIONAL EDUCATION, OVERSEAS ACTIVITIES OF UNITED STATES UNIVERSITIES, ACADEMIC ACHIEVEMENT OF FOREIGN STUDENTS, ADMISSIONS AND SELECTION POLICY, ATTITUDES AND ADJUSTMENT OF FOREIGN STUDENTS, FOLLOWUP ON RETURNEE AND NONRETURNEE STUDENTS AND SPECIALISTS, FOREIGN STUDENT PROGRAMS, ORIENTATION AND HOST PROGRAMS, UNITED STATES STUDENTS, LANGUAGE AND LINGUISTICS, AND TEACHING ENGLISH AS A SECOND LANGUAGE. (TC)

RESEARCH IN INTERNATIONAL EDUCATION - 1967

NATIONAL ASSOCIATION FOR FOREIGN STUDENT AFFAIRS and the INSTITUTE OF INTERNATIONAL EDUCATION

RESEARCH IN INTERNATIONAL EDUCATION - Research in Progress and Research Recently Completed, 1966-67 Survey

April 1967

National Association for Foreign Student Affairs and the

Institute of International Education



RESEARCH IN INTERNATIONAL EDUCATION

Research in Progress and Research Recently Completed

For the ninth year the Institute of International Education and the National Association for Foreign Student Affairs have cooperated in compiling this report. We are gratified, because of our mutual interest in international education and because of our concern to encourage research in this field, to publish this compilation of research studies. This year, with 86 research projects reported, studies of "Admissions" policy for foreign students at U.S. colleges and universities and of U.S. university "Foreign Student Programs" have emerged as separate categories; they were previously reported under the heading, "Selection, Orientation, and Hospitality."

For all studies, whether under way or recently completed, this report provides the author's name and address, a summary of the purpose, scope, method, and major findings of the study and, where available, the address from which copies may be secured.

Conduct of the Survey

A questionnaire and accompanying memo were sent to all NAFSA members and to scholars and researchers interested in comparative studies and international education. From their responses, data was collected on research about international education -- cross-cultural education, teaching English as a second language, foreign-student admissions, and foreign educational systems. NAFSA members also included information on work done by students and members of the administration and faculty at their institutions. Acknowledgment is made to Carolyn Giacalone, associate editor, and Dolores Davis, administrative assistant, both of IIE's Publications Division, for their valuable work in compiling, editing, and preparing this report.

There may be some discrepancy in dates, because this report was collected over a period of months. Therefore some studies read, for example, "to be completed February 1967," although that date has now passed.



Research Listings

This report describes research studies, and also contains an alphabetical author index. The studies are divided into 13 categories: Education Abroad; Education and Development; International Education: History and Commentary; Overseas Activities of U.S. Universities; Academic Achievement of Foreign Students; Admissions, Selection Policy; Attitudes and Adjustment of Foreign Students; Follow-up: Returnee and Nonreturnee Students and Specialists; Foreign Student Programs; Orientation, and Host Programs; U.S. Students; Language and Linguistics; and Teaching English as a Second Language.

The largest category of research this year was again Education Abroad, with Attitudes and Adjustment of Foreign Students the second largest group. However, English language proficiency research, reported under various headings: "Academic Achievement," "Admissions," and "Teaching English as a Second Language," comprises the single dominant concern among this year's reports.

We at IIE and NAFSA are pleased to publish this listing of research in international education, and to express appreciation to those who helped to make this edition possible. We hope these contributions will be helpful to other researchers in the field, and that future editions of Research in International Education will report further growth of research studies.

/ Harold Epstein
Vice President for Research
and Information
IIE

Stewart Fraser, Chairman NAFSA Research Committee



TABLE OF CONTENTS

EDUCATION

•	• • •	
Education Abroad		Page
A Comparative Study of Provi- sions for Secondary School	Margaret J. Brewin	1
Education in the U.S.A., The U.S.S.R., and Canada		
A Companyation Charles of the		
A Comparative Study of the Problems of Adolescents in Two Good Cultures		1
A Study of North Korean Educa- tion Under Communism From 1945	Hyung-chan Kim and	2
to 1965	Stewart E. Fraser	
Curriculum Systems in England, France, and Italy	George A. Beauchamp	2
An Appraisal of the Protestant Christian Effort in Higher Education in Asia		
Indice Bibliografico	Norman D. Arbaiza	3
Kenya's Developing Educational System, with Special Reference to the Training of Teachers	F. Stewart Toll	2 2 3 4 V 2 2
	David N. Bateman	
Observations on Business Educa- tion and Management Training		
in Great Britain		
Problems in Bolivian Higher Education	Sanford Cohen	4
Teacher Verbal Behavior in Costa Rican Secondary Schools	John E. Searles	5
A Study in Micro-Education		



			Page
in	aching of American Literature Colleges and Universities of dia and Nepal	Yugeshwar Prasad Verma	5
	e Soviet Image of American story	Wilber R. Jacobs	6
Educa	tion and Development		
fr	aluation of Change Resulting om Participation in Executive velopment Program	Howard Baumgartel	6
of	talism and the Caste System India: A Case Study of the fects of Planned Social Change	Purna Chandra Subudhi	7
	tional Development and Local form	Douglas E. Ashford	8
	chnological Change in the ral Philippines	Robert A. Polson and Agaton P. Pal	8
Ph: Vi	e Peace Corps in the ilippines (1961-1965) Three ews of the Volunteers Role in ementary Education	Jeffrey Jenks	9
	uth, Education, and Careers the U.A.R.	Peter C. Dodd	9
	national Education: History ommentary		
of	onomics of International Flow Students, a Cost Benefit alysis	Gopal C. Dorai	10
	ternational Aspects of Higher ucation and Exchange	Steven Deutsch	11
Psy	ychology and World Affairs	Howard Baumgartel	11



		Page
The Foreign Graduate Student	George P. Springer	12
Overseas Activities of U.S. Universities		٠
Inter-American Education Program	Earl Jones	13
Opportunities Abroad Library	Judith Falconer	13
The Professional School and World Affairs	Irwin T. Sanders	13
FOREIGN AND U.S. STUDENTS, FACULTY, AND SPECIALISTS		
Academic Achievement of Foreign Students		
A Study of National and Inter- national Students of Texas A&M University Performance on the Graduate Record Examination	Lannes Hope	14
Average Grades of Interna- tional Students	Joseph P. Schnitzen	15
Correlations Between Language Proficiency Grades and Academic Performance by Foreign Students	Shigeo Imamura	15
Preliminary Survey Courses American History	Simon A. Horness	16
The Effect of Intensive English Study on the Performance of Foreign Students on Verbal Tests	D. S. Shivananda	. 16 :
The Effect of Previous Study of English on the Academic Perfor-mance of Forty Foreign Students at the University of Kansas	Emilia V. Lara	17



	•		Page
<u>Ac</u>	missions, Selection Policy		
	A Predictive Study of African Students Selected Through the African Scholarship Program of American Universities	Lee Wilcox	17
	A Study of Some Selection and Admission Criteria for Foreign Students of Journalism in United States Colleges and Universities	Lilian Okner Feinberg	18
	Credentials for English Proficiency	Robin B. Fuller	18
	Foreign Graduate Student Follow-up up Study: India, the Philippines, Taiwan, and Japan	Robert S. Kinsman and Mrs. Sari C. Halasz	19
	Foreign Student Admissions Procedures in Kansas and Nebraska Junior Colleges	Gerald F. Hickey	19
	Relationship Between TOEFL Scores and the Academic Achieve- ment of Foreign Students at the University of Missouri	Purificacion Hattari	20
	The Country Index	T. E. Sharp	20
	The Evaluation of Predictor Variables used in the Screening of Bilingual Foreign Students for Admission	Erik Paul Eriksen	21
	itudes and Adjustment of eign Students		
	A Descriptive and Comparative Study of Foreign Undergraduate Students at Oregon State University	Mrs. Akiko Chiba	22
		•	



		vii
•	;	Page
A Survey to Investigate Atti- tude Change in a Sample of Foreign Students	C. P. Silverthorne	.22:
Attitudinal Change in Foreign Students While in the United States	Lois Menter	23
Cross-cultural Contacts and Social Adjustment of Foreign	Dennis Nauman and	
Nationals	Sharon Galichia	23
Culture Shock: An Exploration in Observation		23
Mexican-American High School Youth Leadership Study	Carolyn M. Neal	
Middle Eastern Students' Adjust- ment and Related Factors	Ali Jarrahi	24
Problems of Latin American Students in U.S. Institutions		
Psychological Testing of New Foreign Students	Milton H. Miller	25
Social Psychological Correlates of Blood Pressure Variations	Joseph Chathaparampil	26
The Performance of Foreign Students and American Students on a Q-Sort of Statement on Interpersonal Relationships in	Purificacion Hattari	26
the University Community		
llow-up: Returnee and Nonreturnee		
cudents and Specialists		•
A Study of Adaptation by Foreign Students to the United States and of Factors Relating	Theodore L. McEvoy	27



Capital: The Case of Physicians International Migration of Talent and Skills Foreign Student Programs An Analytical Study of the Foreign Student Program at the University of Cincinnati Annual Report to Student North Central College 29 Affairs Committee at North Central College Naperville, Illinois 1966 A Survey of the Housing of Clark Coan 29 Foreign Students at the University of Kansas Foreign Student Adviser Jack B. Irvine, Jr. 30 Position in Some Institutions Outside California Richard Morrison Foreign Student Adviser Programs E. James Faubel 30 International Interests Mrs. Sonia Robinson 31 International College Foreign Howard Durham 31 Student Program Survey 31 A Sociological Analysis of the Purposes, Structure, Development, and Functions of the			Page
Talent and Skills Foreign Student Programs An Analytical Study of the Foreign Student Program at the University of Cincinnati Annual Report to Student North Central College 29 Affairs Committee at North Central College Naperville, Illinois 1966 A Survey of the Housing of Clark Coan 29 Foreign Students at the University of Kansas Foreign Student Adviser Jack B. Irvine, Jr. 30 and Richard Morrison Foreign Student Adviser Programs E. James Faubel 30 International Interests Mrs. Sonia Robinson 31 Directory Questionnaire Survey Junior College Foreign Howard Durham and Douglas Matthewson Drientation and Host Programs A Sociological Analysis of the Purposes, Structure, Development, and Functions of the	International Migration of Human Capital: The Case of Physicians	Samuel Levy	27
An Analytical Study of the Foreign Student Program at the University of Cincinnati Annual Report to Student Affairs Committee at North Central College Naperville, Illinois 1966 A Survey of the Housing of Foreign Students at the University of Kansas Foreign Student Adviser Position in Some Institutions Outside California Foreign Student Adviser Programs Foreign Student Adviser Programs Foreign Student Adviser Programs Foreign Student Survey Junior College Foreign Student Program Survey Dunior College Foreign Student Program Survey A Sociological Analysis of the Purposes, Structure, Development, and Functions of the		Albert E. Gollin	28
Foreign Student Program at the University of Cincinnati Annual Report to Student North Central College 29 Affairs Committee at North Central College Naperville, Illinois 1966 A Survey of the Housing of Clark Coan 29 Foreign Students at the University of Kansas Foreign Student Adviser Jack B. Irvine, Jr. 30 Coutside California Richard Morrison Foreign Student Adviser Programs E. James Faubel 30 International Interests Mrs. Sonia Robinson 31 Directory Questionnaire Survey Junior College Foreign Howard Durham 31 Student Program Survey And Douglas Matthewson Drientation and Host Programs A Sociological Analysis of the Purposes, Structure, Development, and Functions of the	Foreign Student Programs		
Affairs Committee at North Central College Naperville, Illinois 1966 A Survey of the Housing of Clark Coan 29 Foreign Students at the University of kansas Foreign Student Adviser Jack B. Irvine, Jr. 30 Position in Some Institutions and Outside California Richard Morrison Foreign Student Adviser Programs E. James Faubel 30 International Interests Mrs. Sonia Robinson 31 Directory Questionnaire Survey Junior College Foreign Howard Durham 31 Student Program Survey and Douglas Matthewson Orientation and Host Programs A Sociological Analysis of the Purposes, Structure, Development, and Functions of the	Foreign Student Program at the	Neal R. Berte	28
Foreign Students at the University of kansas Foreign Student Adviser	Affairs Committee at North Central College Naperville,	North Central College	29
Position in Some Institutions and Outside California Richard Morrison Foreign Student Adviser Programs E. James Faubel 30 International Interests Mrs. Sonia Robinson 31 Directory Questionnaire Survey Howard Durham 31 Student Program Survey and Douglas Matthewson Drientation and Host Programs A Sociological Analysis of the Purposes, Structure, Development, and Functions of the	Foreign Students at the	Clark Coan	29
International Interests Mrs. Sonia Robinson Directory Questionnaire Survey Junior College Foreign Howard Durham and Douglas Matthewson Drientation and Host Programs A Sociological Analysis of the Purposes, Structure, Development, and Functions of the	Position in Some Institutions	and	30
Directory Questionnaire Survey Junior College Foreign Howard Durham 31 Student Program Survey and Douglas Matthewson Drientation and Host Programs A Sociological Analysis of the Purposes, Structure, Development, and Functions of the	Foreign Student Adviser Programs	E. James Faubel	30
Student Program Survey and Douglas Matthewson Drientation and Host Programs A Sociological Analysis of the Purposes, Structure, Development, and Functions of the		Mrs. Sonia Robinson	31
A Sociological Analysis of the Jumuna Bai 32 Purposes, Structure, Develop- ment, and Functions of the	•	and	31
Purposes, Structure, Develop- ment, and Functions of the	Prientation and Host Programs		
	Purposes, Structure, Develop-		-



7		Page
A Survey of the Religious Acti- vities of the Protestant Inter- national Students in Seattle	Rev. Christdoss D. Thomas	32
Attitudes and Opinions of Foreign Students of the American Character	Robert K. Luther	33
EFL as Part of a Regional Orientation Center	Don L. F. Nilsen	33
The American Scene and the American Language	Charlotte A. Kwiat	34
The Influence of Foreign Visi- tors of the Interest of Certain Adult Members of a Hosting Com-	Max E. Benne	34
munity in Participating in Internationally Oriented Activitie	S	
The Preparation of Mission Workers	Willard W. Winter	35
Training Opportunities for Youth Leadership		
The 1966 Summer Leadership Programs	Gene B. Petersen	35
U.S. Students Abroad		
Effectiveness of Study Abroad	Norma Benney	36
Personality Characteristics of Foreign Study Students Associa-	David A. Payne	36
ted with Italian Language Learning		

		Page
LANGUAGES		
Language and Linguistics		
Indonesian-English Sound Contrasts	John C. Fisher	37
Intermediate Readings in Tagalog	J. Donald Bowen	37
The Role of Communication in Training and Education, Over-coming Barriers to Understand-ing with the Developing Countries	Ernst M. Sinauer	38
Verbal Behavior of Bilinguals	Susan M. Ervin-Tripp	38
Teaching English as a Second Language		
Difficulties of the Spanish Speaker who is Learning English as a Second Language	Donald M. Decker	39
Preliminary Studies in the Development of Techniques for the Testing of Overall Proficiency in a Second Language	Bernard Spolsky	39
Spoken English for Turks	Sheldon Wise, Bruce Downing, Mathew Charles, and Alan Ovenden	40
The Nature and Extent of Teach- ing English as a Foreign Language	Josephine Arriza	41
The Predictive Validity of the Test of English as a Foreign Language (TOEFL)	John J. Howell	41



Robert G. Myers

44



University 1857-1964

of Human Resources

Study Abroad and the Migration

EDUCATION ABROAD

Title: A COMPARATIVE STUDY OF PROVISIONS FOR SECONDARY SCHOOL EDUCATION IN THE U.S.A., THE U.S.S.R., AND CANADA

(in progress as thesis project)

<u>Author:</u> Margaret J. Brewin, Ontario College of Education, University of Toronto.

<u>Title:</u> A COMPARATIVE STUDY OF THE PROBLEMS OF ADOLESCENTS IN TWO CULTURES

(begun fall of 1964; completed May 1965; thesis project for M.A.; available from author, Graduate School, Bryn Mawr College)

<u>Author</u>: Corina K. Mongcal, 3614 Chestnut Street, Philadelphia, Pennsylvania 19104

Purpose/Scope: the study attempts to compare the degree and content of stresses encountered by adolescents in middle-class American and Filipino cultures and to compare the attitudes towards some specific problem areas on the part of these adolescents.

the Mooney Problem Checklist and the Sentence Completion

Test were used with the matched group research design.

A t test of significance between independent means was used for the scores of the Problem Checklist of the two groups while the Chi Square test was used to analyze under
lying attitudes of the two groups.

Major Findings: it appears that although adolescents in middle-class American culture either express or have more problems in boy-girl relations than Filipino adolescents do, their underlying attitude toward dating is more positive than that of the Filipino subjects. It would also appear that the American subjects felt freer to express their problems, or that they actually have more problems. It further appears that the two groups do not significantly differ in



2

ERIC

(Education Abroad)

attitudes towards parents.

* * * *

<u>Title</u>: A STUDY OF NORTH KOREAN EDUCATION UNDER COMMUNISM FROM 1945 TO 1965

(begun June 1966; estimated completion August 1968; thesis project for Ed.D.; available from International Center, George Peabody College)

Authors: Hyung-chan Kim, Research Associate, International Center, George Peabody College, Nashville, Tennessee 37203; Stewart E. Fraser, Director of International Center, George Peabody College

Purpose/Scope: to trace the growth and development of Communist education in North Korea, to translate primary source documents of the Pyongyang regime into English, and to compile a bibliography.

Methods: library research in Japan, South Korea, and the United States.

Title: CURRICULUM SYSTEMS IN ENGLAND, FRANCE, AND ITALY

(completed fall 1965; available from author)

<u>Author:</u> George A. Beauchamp, Professor of Education, Northwestern University

Purpose/Scope: to make a comparative study of selected curriculum systems in countries where education is a national affair, to further compare with curriculum operations in the United States.

<u>Methods</u>: interviews at Ministries of Education, regional offices, and at samples of elementary and secondary schools.
Library research.

* * * * :

Title: AN APPRAISAL OF THE PROTESTANT CHRISTIAN EFFORT IN HIGHER EDUCATION IN ASIA

(begun October 1965; in progress; conducted with support from Luce Foundation, Harvard-Yenching Institute, United Board for Christian Higher Education in Asia, and various mission boards)

Author: Merton D. Munn, Director of Research, United Board for Christian Higher Education in Asia, Room 1221, 475 Riverside Drive, New York, New York 10027

<u>Purpose/Scope</u>: to provide a factual picture of the present nature, influence, and usefulness of the 180 Protestant Christian colleges and universities in Asia.

Methods: questionnaires, visits, interviews, and study of previous studies.

Title: INDICE BIBLIOGRAFICO

(published: The Latin American Index, P. O. Box 171, Washington Bridge Station, New York, New York 10033 [Winter 1967])

Author: Norman D. Arbaiza, Acting Chairman, Department of Foreign Languages and Literature, Rockland Community College, Suffern, New York

<u>Purpose/Scope</u>: a descriptive bibliography of books in English and Spanish published in the United States which are of interest to Latin American scholars.

Title: KENYA'S DEVELOPING EDUCATIONAL SYSTEM, WITH SPECIAL REFERENCE TO THE TRAINING OF TEACHERS

(begun January 1967; estimated completion April 1968; project for M.Ed.; conducted under support by the External Aid Program of the Government of Canada; available upon completion from College of Education, University of Toronto)



(Education Abroad)

Author: F. Stewart Toll, Kenya Institute of Education, Box 30426,

Nairobi, Kenya

<u>Purpose/Scope</u>: descriptive study.

Methods: involvement as member of a Canadian In-Service Team.

* * * *

Title: OBSERVATIONS ON BUSINESS EDUCATION AND MANAGEMENT TRAINING IN GREAT BRITAIN

(begun September 1966; completed December 1966; to be published: Proceedings of the Tenth Annual Midwest Management Academy Meetings, Business Research Bureau, Southern Illinois University, \$2.00)

<u>Author:</u> David N. Bateman, Assistant to the Dean, School of Business, Southern Illinois University

<u>Purpose/Scope</u>: to study the current evolution of education for business in Great Britain and to contrast their situation with that in the United States.

Methods: interview with faculty and administrators at the small number of British schools of higher education involved in business education. Also interviews with agencies sponsoring a new emphasis on business education and with non-business educators. Articles and reports were also reviewed.

Major Findings: schools of business are downgraded by other educators; the programs are very liberal in orientation; most schools lack expertise in business functions; and they are highly supported by the business community.

* * * * *

Title: PROBLEMS IN BOLIVIAN HIGHER EDUCATION

(published: <u>Journal of Higher Education</u>. Vol. XXXVI, No. 2, February 1965, pp. 80-87, 75¢)



ERIC

<u>Author:</u> Sanford Cohen, Professor of Economics, University of New Mexico

<u>Purpose/Scope</u>: examination of problems in the Bolivian University system.

Methods: field data and direct observation.

Title: TEACHER VERBAL BEHAVIOR IN COSTA RICAN SECONDARY SCHOOLS -- A STUDY IN MICRO-EDUCATION

(begun May 1966; estimated completion December 1968; research team includes candidates for a Ph.D. and for an M.S.; conducted under Ford Foundation grant; description available from author)

Author: John E. Searles, Associate Professor of Education, Pennsylvania State University, 108 Chambers Building, University Park, Pennsylvania 16802

<u>Purpose/Scope</u>: to systematically describe what goes on in the teaching process in Costa Rican secondary schools and to gain insight by comparison into North American and other Latin American micro-educational (classroom) practices.

Methods: to analyze affective and cognitive verbal behavior in the Costa Rican teaching process over three years through the Withall Social-Emotional Climate Index, Searles scales for classifying thought patterns and with reference to one of the theories of instruction worked out by John E. Searles in A System for Instruction, (Scranton, Pennsylvania, International Textbook Co., 1967).

Title: TEACHING OF AMERICAN LITERATURE IN COLLEGES AND UNIVER-SITIES OF INDIA AND NEPAL

(begun December 1966; estimated completion May 1967; thesis project for M.A.; available from Dr. William A. Sutton, English Department, Ball State University, Muncie, Indiana)

6

(Education Abroad)

<u>Author:</u> Yugeshwar Prasad Verma, English Department, Ball State University

<u>Purpose/Scope</u>: to survey and evaluate the teaching of American literature in India and Nepal at the college level.

Methods: written inquiries, bibliographic research, and interviews.

* * * *

<u>Title:</u> THE SOVIET IMAGE OF AMERICAN HISTORY

(begun in 1964; estimated completion fall 1967; conducted under a university Ford Foundation grant; published in part: "History and Propaganda: Soviet Image of the American Past," Mid-America, Vol. 46, April 1964, pp. 75-91)

<u>Author</u>: Wilber R. Jacobs, Professor of Aistory, University of California at Santa Barbara

<u>Purpose/Scope</u>: to analyze and appraise the Soviet interpretation of U.S. History.

Methods: library research.

Major Findings: Soviet publications manifest a narrow difference between authentic historical interpretation and propaganda.

EDUCATION AND DEVELOPMENT

Title: EVALUATION OF CHANGE RESULTING FROM PARTICIPATION IN EXECUTIVE DEVELOPMENT PROGRAM

(completed 1963-64; some support from Indian Institute of Management, Calcutta -- a Ford Foundation supported fund; published: <u>Indian Journal of Applied Psychology</u>, 1966, 3, No. 2, pp. 84-91)

<u>Author:</u> Howard Baumgartel, Professor, Psychology and Human Relations, The University of Kansas



ERIC

<u>Purpose/Scope</u>: to study changes in ability and attitude resulting from participation in an eight month program for junior executives in India.

Methods: before and after measures on problem-analysis test, semantic differential, and free-response questionnaire.

Major Findings: participants show significant improvement in problem-analysis ability and in action-taking ability as measured by a test situation.

Title: FATALISM AND THE CASTE SYSTEM OF INDIA: A CASE STUDY OF THE EFFECTS OF PLANNED SOCIAL CHANGE

(begun May 1964; completed August 1966; thesis project for Ph.D.; conducted under grant from the Wenner-Gren Foundation; available from the Wayne University Library)

Author: Purna Chandra Subudhi, Post-doctoral fellow, School of Public Health, University of Michigan

Purpose/Scope: to determine the nature of fatalistic beliefs in Indian society today, the ways in which these beliefs influence behavior, which beliefs are least resistant to change, and how these fatalistic beliefs and changes in belief patterns are expressed in different communities and in different socio-economic strata.

Methods: observations and interviews of a population of 230 respondents in three types of communities -- village, urban and industrial. Fifteen per cent of households in each community were contacted; interviews included only the head of the household (usually male).

Major Findings: fatalism certainly exists in individual, group and intra-group values, but there is considerable variation within castes and communities as to when, where and in what degree.

(Education and Development)

Title: NATIONAL DEVELOPMENT AND LOCAL REFORM

(begun September 1961; completed November 1965; field work sponsored by ACLS-SSRC committee on the Near East and North Africa; available from Princeton University Press, \$10.00)

<u>Author:</u> Douglas E. Ashford, Professor, Center for International Studies, Cornell University, Ithaca, New York 14850

<u>Purpose/Scope</u>: to assess the influence of political systems on decisions to immobilize world populations in developing countries.

<u>Methods</u>: interviews with officials at national, provincial and local levels.

Major Findings: preliminary and tentative evidence that the selection and implementation of projects is influenced by the nature of governmental authority.

Title: TECHNOLOGICAL CHANGE IN THE RURAL PHILIPPINES

(begun in 1951; estimated completion 1970; field work for current resurvey begun in 1966; 1952 data thesis project for M.S.; published: The Status of Rural Life in the Dumaguete City Trade Area, Philippines 1952, Cornell University, Southeast Asia Program Data Paper No. 21, June 1956, \$1.00; 1958 data thesis project for Ph.D.; published: Social Change in the Dumaguete Trade Area -- Philippines 1951-1958, Cornell University, International Agricultural Development Mimeograph 4, Oct. 1964, single copy free, additional \$.25).

Authors: Robert A. Polson, Professor, Department of Rural Sociology, Cornell University; Agaton P. Pal, Professor, Silliman University, Dumaguete City, Philippines

<u>Purpose/Scope</u>: to determine the influence and rate of acceptance of agricultural, health, and educational innovations in a rural area which has been subject to organized programs that promote new practices for rural development.

Methods: the overall approach consists of three surveys of rural households in the Dumaguete City Trade Area of Negros Oriental Province: 1952 (515 cases), 1958 (681 cases), and currently 362 households or 12.5% of the population. The several samples will be compared to estimate planned and unplanned change upon rural people in transition from a subsistence to a market economy.

Title: THE PEACE CORPS IN THE PHILIPPINES (1961-1965) THREE VIEWS OF THE VOLUNTEERS ROLE IN ELEMENTARY EDUCATION

(begun April 1963; estimated completion September 1967; thesis project for M.A.; available upon completion)

<u>Author</u>: Jeffrey Jenks, Administrative Assistant, 441 Education; Wayne State University

Purpose/Scope: to look at the cultural problems of Peace Corps volunteers in elementary education in order to formulate a better purpose and role for the volunteers.

Methods: questionnaires to 150-entire group the researcher participated in and to a random sample of four other groups. Also subjective speculation, letters, articles, staff reports, participant observation, and specialist observations.

Title: YOUTH, EDUCATION, AND CAREERS IN THE U.A.R.

ERIC

(begun in 1964; estimated completion September 1968; conducted with grants from Social Science Research Council [New York City] and Canada Council [Ottawa])

<u>Author:</u> Peter C. Dodd, Associate Professor of Sociology, American University of Beirut, Beirut, Lebanon

<u>Purpose/Scope</u>: an inquiry into occupational plans and values of secondary school youth. Also, to examine education as an avenue of mobility in Egypt and to study relationships between the status structure and educational experience.

ERIC Full Text Provided by ERIC

(Education and Development)

Methods: field visits to a number of secondary schools; comparison of Arabic students in six different types of schools -- urban and rural -- through questionnaires completed in 1964; further comparisons to be made between students in standard and experimental schools.

Major Findings: the first findings are that students tend to aspire to technical occupations (engineer, physician, military officer), not to liberal occupations. Students are confident that they will enter these occupations, although the actual number of openings should be discouraging.

Title: ECONOMICS OF INTERNATIONAL FLOW OF STUDENTS, A COST BENEFIT ANALYSIS

(begun September 1966; completed September 1967; a Ford Foundation doctoral dissertation fellowship; available when completed)

INTERNATIONAL EDUCATION: HISTORY AND COMMENTARY

Author: Gopal C. Dorai, Economics Department, Wayne State University

Purpose/Scope: to find the economic implications of migration of human capital from developing countries to advanced countries. To specifically assess the costs and benefits of study abroad insofar as Indian Students studying in the United States are concerned.

Methods: calculations on costs and benefits for the population of Indian students in the United States from 1950-1965 will be based on data available from the Immigration Department, State Department, and Department of Health, Education and Welfare.

Title: INTERNATIONAL ASPECTS OF HIGHER EDUCATION AND EXCHANGE

(research begun 1963; completed 1966; conducted under grants from the Ford Foundation, the Cleveland Foundation, and the U.S. Office of Education; monograph available in 1967)

<u>Author:</u> Prof. Steven Deutsch, Department of Sociology, University of Oregon, Eugene, Oregon

<u>Purpose/Scope</u>: to survey the history and literature in international education and exchange and to present the findings from surveys of the experiences and attitudes of participants in international education.

Methods: review of history and literature on international aspects of higher education and exchange; surveys of faculty, administration, American and foreign students, foreign-student host families in a metropolitan area.

Title: PYSCHOLOGY AND WORLD AFFAIRS

(presented fall 1966; published: <u>International Student Studies Series</u>, #21, The University of Kansas, Lawrence, January 1967)

<u>Author:</u> Dr. Howard Baumgartel, Professor of Human Relations and Psychology, University of Kansas

Purpose/Scope: to assess creative research and thinking by American psychologists which has relevance to the U.S. in its international relationships.

Major Findings: people are studying war mood phenomena. All of us must accept the incredibly ambiguous and complex nature of international affairs. As a corollary, we must recognize our lack of adequate facts and information. We can work and study the problems and dynamics of conflict reduction and peace building and as individuals, we can extend assistance.

(International Education)

ERIC

Title: THE FOREIGN GRADUATE STUDENT

(begun December 1966; estimated completion February 1967; supported by the Johnson Foundation, Racine, Wisconsin, through CEEB and CGS; probably available from author)

Author: George P. Springer, Dean, Graduate School and Associate Professor of Anthropology, University of New Mexico, Albuquerque, New Mexico 87110

Purpose/Scope: the paper covers both policy and procedural questions as they relate to the foreign graduate student. External and internal campus organizational problems are discussed along with screening and selection processes. Recommendations are made. The relationship of universities to governments is dealt with. The brain drain is touched upon.

Methods: materials previously published by IIE (Open Doors), EWA, NAFSA, CGS, AGS, and other basic sources. It is more a philosophical statement than an experimental study and was prepared to serve as background for a Wingspread Conference March 30-31, 1967.

Major Findings: since foreign graduate students constitute 7.2% of all graduate students, in general it may be best to accommodate selection, counseling, and other procedures maximally to those used for domestic students. It is fruitful to regard graduate schools as special cultures. To maintain the integrity and independence of multilateral decision-making in application and selection processes, there is an overriding need for a computerized two-way information system. International relations will be enhanced through student exchanges only if the focus remains on educational objectives, and if universities avoid over-identification with governments.

* * * *

OVERSEAS ACTIVITIES OF U.S. UNIVERSITIES

Title: INTER-AMERICAN EDUCATION PROGRAM

(begun September 1956; estimated completion of first phase: August 1957; conducted under a PACE project grant, U.S. Office of Education; available upon completion)

Author: Dr. Earl Jones, Director, 106 Academic Building, Texas A&M University, College Station, Texas 77843

<u>Purpose/Scope</u>: to revise present Texas curriculum materials on Argentina, Brazil, Guatemala, Mexico, and Peru and to prepare supplements.

Methods: an intensive area study by teams made up of graduate students, Texas Education Agency specialists, and 23 Texas teachers, involving study trips to the countries and library research.

Title: OPPORTUNITIES ABROAD LIBRARY

(begun January 1967)

<u>Author:</u> Judith Falconer, Assistant to the Director of International Education, Old Faculty Club, State University of New York at Buffalo

<u>Purpose/Scope</u>: to develop a catalog of all academic opportunities abroad for undergraduate, graduate students, and faculty members.

Methods: form letters to all possible sources of information on study, teaching, and research abroad.

Title: THE PROFESSIONAL SCHOOL AND WORLD AFFAIRS

ERIC

(begun summer 1965; estimated completion summer 1967)

14

(FOREIGN AND U.S. STUDENTS, FACULTY, AND SPECIALISTS)

<u>Author:</u> Irwin T. Sanders, Vice President, Education and World Affairs, 522 Fifth Avenue, New York, New York 10036

<u>Purpose/Scope</u>: to determine the impact which the growing involvement of professional schools in world affairs has had on the university-level training.

Methods: eight task forces have been appointed to look into eight professions: law, education, agriculture, engineering, medicine, public health, public administration, and business administration.

ACADEMIC ACHIEVEMENT OF FOREIGN STUDENTS

Title: A STUDY OF NATIONAL AND INTERNATIONAL STUDENTS OF TEXAS A&M UNIVERSITY PERFORMANCE ON THE GRADUATE RECORD EXAMINATION

(begun September 1966; estimated completion September 1967; available upon completion)

<u>Author:</u> Dr. Lannes Hope, Associate Professor of Psychology, Department of Education and Psychology, Texas A&M University

<u>Purpose/Scope</u>: to describe differences in measured aptitude as related to measured achievement of the two groups. Differences in sex, major, and academic marks were controlled.

Methods: the Graduate Record Examination is required of all graduate students. Results were key-punched along with other data. The population was composed of all graduate students for five academic years and all graduating seniors for five years (6000). The research design used the usual normative techniques and multiple regression analysis.

Major Findings: there were gross differences between national and international students on aptitude (due to reading and cultural difference), and much less difference in achievement scores.

* * * *

ERIC

Title: AVERAGE GRADES OF INTERNATIONAL STUDENTS

(complete September 1966; available: Counseling and Testing Service, University of Houston, Houston, Texas)

<u>Author:</u> Dr. Joseph P. Schnitzen, Director, Counseling and Testing Service, University of Houston

<u>Purpose/Scope</u>: to discover the academic success of foreign students admitted to the University of Houston

Methods: mean grade point averages after one academic year of 91 students admitted in 1963 and 80 students admitted in 1964 were studied by geographic origin and academic classification.

Major Findings: in general international students in their first year succeed with averages at least as good as native students.

* * * *

Title: CORRELATIONS BETWEEN LANGUAGE PROFICIENCY GRADES AND ACADEMIC PERFORMANCE BY FOREIGN STUDENTS

(begun 1966; completion possibly fall 1967; available upon completion)

Author: Shigeo Imamura, Director, English Language Center,
Michigan State University, East Lansing, Michigan 48823

<u>Purpose/Scope</u>: to determine the relationship between language proficiency and academic performance by seeking the correlation between the proficiency grades and the academic grade point averages.

<u>Methods</u>: the procedure is collection of grades and running them through the machine for correlation. The population approaches 2,000.

* * * 4

(Academic Achievement)

Title: PRELIMINARY SURVEY COURSES -- AMERICAN HISTORY

(begun fall 1961; completed August 1965; available from author)

<u>Author:</u> Simon A. Horness, International Student Adviser, Louisiana State University, Baton Rouge, Louisiana 70803

<u>Purpose/Scope</u>: to determine if international students encounter problems in large lecture-survey courses.

Methods: grade averages of 302 international students analyzed.

Major Findings: the international student's overall average is higher than his history average. Also, international students with American high school training have better averages than those who have gone to high school in their home country.

* * * *

Title: THE EFFECT OF INTENSIVE ENGLISH STUDY ON THE PERFORMANCE OF FOREIGN STUDENTS ON VERBAL TESTS

(begun September 1965; completed June 1966; thesis project for M.S.)

Author: D. S. Shivananda, Graduate Student, University of Kansas

Purpose/Scope: to investigate the effect of intensive English language study on the performance of foreign students on tests commonly used in American colleges which demand possession of a high level of English vocabulary.

Methods: construction of an "Experimental Verbal Test" and statistical comparison of responses with those on the Michigan English Language Proficiency Test.

Major Findings: as the Intensive English Study offered foreign students at the University of Kansas concentrates on basic sentence patterns rather than on vocabulary it seems to be unfair to administer American vocabulary

oriented verbal tests to foreign students.

Title: THE EFFECT OF PREVIOUS STUDY OF ENGLISH ON THE ACADEMIC PERFORMANCE OF FORTY FOREIGN STUDENTS AT THE UNIVERSITY OF KANSAS

(completed fall 1965; published: <u>International Student Studies Series</u>, #17, The University of Kansas, Lawrence, February 1966, course project)

Author: Emilia V. Lara, Education Department, University of kansas

<u>Purpose/Scope</u>: to determine correlationships of academic progress with the study of English prior to taking up this academic study.

Methods: interviews and a questionnaire responses were statistically analyzed and compared to grades for +0 subjects.

Major Findings: though the Pearson Product-Moment Coefficient of Correlation and the Point Bizerial Coefficient of Correlation were both positive, they were not significant enough for one to say with conviction that sufficient prior knowledge of the English language will ensure academic success.

ADMISSIONS, SELECTION POLICY

Title: A PREDICTIVE STUDY OF AFRICAN STUDENTS SELECTED THROUGH THE AFRICAN SCHOLARSHIP PROGRAM OF AMERICAN UNIVERSITIES

(conducted with support from the Ford Foundation; published: Educational Systems of Africa, University of California Press, 1966, pp. 1494-1505, \$30.00)

<u>Author:</u> Lee Wilcox, Assistant Director of Admissions, University of Minnesota



18

(Admissions)

<u>Purpose/Scope</u>: to study the validity, both individually and in combination, of various factors utilized in the ASPAU selection process.

* * * *

Title: A STUDY OF SOME SELECTION AND ADMISSION CRITERIA FOR FOREIGN STUDENTS OF JOURNALISM IN UNITED STATES COLLEGES AND UNIVERSITIES

(begun June 1964; completed February 1967; thesis project for M.S.; abstract available from author)

<u>Author:</u> Lilian Okner Feinberg, Department of English, Iowa State University, Ames, Iowa 50010

<u>Purpose/Scope</u>: to determine current practices and criteria for selection and admission of foreign students in journalism and to suggest possible juides to administrators.

Methods: interviews, questionnaires and follow-up interviews at 22 colleges.

Major Findings: policy (from the national level down) is the most important variable in the entire procedure of foreign student selection. Important policy considerations are: standards -- single or double; acceptance levels -- undergraduate or graduate; programs -- degree or non-degree, in English or the student's native tongue.

. .

Title: CREDENTIALS FOR ENGLISH PROFICIENCY

(current project)

<u>Author:</u> Robin B. Fuller, International Student Adviser, Vanderbilt University

<u>Purpose/Scope</u>: to estimate appropriate credentials for English proficiency in Vanderbilt University's admissions policy and to support the proposal that TOEFL be required for admissions.



Methods: to gather information about research being done in the field.

* * * *

Title: FOREIGN GRADUATE STUDENT FOLLOW-UP STUDY: INDIA,
THE PHILIPPINES, TAIWAN, AND JAPAN

(begun 1961; completed 1966; to be published in the AACRAO College and University Journal, Fall 1967; studies on other countries being continued)

Authors: Robert S. Kinsman, Associate Dean and Mrs. Sari C.
Halasz, Senior Administrative Assistant, Graduate
Division, Admissions Section, University of California
at Los Angeles

Purpose/Scope: 1) to determine a more effective means (principally in terms of improved grade conversion scales) for the future evaluation of foreign student transcripts and 2) to determine the standard of certain foreign universities for which no current information is available.

Methods: a comparative analysis of the academic work of the graduate foreign student at UCLA with that student's undergraduate scholastic performance at the foreign university from which he obtained his baccalaureate will be made. To be as valid as possible, the analysis will cover all foreign graduate students who matriculated at UCLA.

Title: FOREIGN STUDENT ADMISSIONS PROCEDURES IN KANSAS AND NEBRASKA JUNIOR COLLEGES

(begun November 1966; estimated completion April 1967; available when completed)

<u>Author:</u> Gerald F. Hickey, Foreign Student Adviser, Hutchinson Community College, 1300 N. Plum, Hutchinson, Kansas

(Admissions)

<u>Purpose/Scope</u>: to learn what other junior colleges are using as standard procedures with the idea of encouraging standardization of admission procedures. Each of the colleges queried will receive a copy of the completed report.

Methods: questionnaires to all public and private junior colleges in the two states.

* * * *

Title: RELATIONSHIP BETWEEN TOEFL SCORES AND THE ACADEMIC ACHIEVEMENT OF FOREIGN STUDENTS AT THE UNIVERSITY OF MISSOURI

(begun January 27, 1967; estimated completion June 1967; available: Testing and Counseling Services, Universities of Missouri)

<u>Author:</u> Dr. Purificacion Hattari, Testing and Counseling Service, University of Missouri

<u>Purpose/Scope</u>: to determine if standards used for "satisfactory score" on TOEFL are realistic for admission purposes, if standards for a minimum acceptable score should differ for the various academic fields, and if use can be made of the part score for each portion of TOEFL.

Methods: for each student who took the TOEFL test in September 1966 (70) overall and part TOEFL scores are being related to overall academic achievement and achievement in specific fields.

* * * *

Title: THE COUNTRY INDEX

(begun December 1966; completion late 1967)

<u>Author</u>: T. E. Sharp, Admissions Officer, San Fernando Valley State College



ERIC

<u>Purpose/Scope</u>: to briefly summarize educational systems by country with placement recommendations.

Methods: review of literature such as UNESCO World Survey of Education; World Education Series (AACRAO); HEW, Office of Education pamphlets, and others.

Title: THE EVALUATION OF PREDICTOR VARIABLES USED IN THE SCREENING OF BILINGUAL FOREIGN STUDENTS FOR ADMISSION

(begun September 1965; completed August 1966; can be borrowed from Brigham Young University Library)

<u>Author:</u> Erik Paul Eriksen, Graduate Assistant, Foreign Student Office, Brigham Young University

Purpose/Scope: to evaluate the predictors of academic success used by the Erigham Young University Foreign Student Office in selecting bilingual foreign students for admission. The degree of predictive validity, as indicated by grade-point average, was investigated.

Methods: date on 210 new bilingual foreign students in the fall of 1963 included results from the LADO test, self-analysis of English, ACT test, transfer grade-point average, and first and second semester Brigham Young University grade-point average.

Major Findings: there was a significant correlation at the .05 level between both grade-point averages and the LADO test; the first semester grade-point average and the ACT test and at .01 between transferred GPA's and both Brigham Young University GPA's.

ERIC

ATTITUDES AND ADJUSTMENT OF FOREIGN STUDENTS

Title: A DESCRIPTIVE AND COMPARATIVE STUDY OF FOREIGN UNDER-GRADUATE STUDENTS AT OREGON STATE UNIVERSITY

(begun February 1966; completed December 1966; available from the Oregon State Counseling Service)

<u>Author:</u> Mrs. Akiko Chiba, Counseling Center, Oregon State University, Corvallis, Oregon 97330

<u>Purpose/Scope</u>: to determine and relate personal characteristics, academic achievement, and study attitudes.

Methods: questionnaires to 143 foreign students and to a control group from the Oregon State University student body.

<u>Major Findings</u>: abstract enumerates 13 specific findings on many aspects of foreign student characteristics, choices, and study habits.

Title: A SURVEY TO INVESTIGATE ATTITUDE CHANGE IN A SAMPLE OF FOREIGN STUDENTS

(begun September 1966; estimated completion June 1967; available upon completion)

<u>Author</u>: C. P. Silverthorne, 2930 Scioto Street, Cincinnati, Ohio 45219

<u>Purpose/Scope</u>: preliminary study to investigate attitude change in foreign students towards themselves, their country, Lyndon Johnson, American students and America.

Methods: Semantic Differential (Osgood) scale administered three times over a year to 60 foreign students and to a control group of U.S. students.

* * * *

Title: ATTITUDINAL CHANGE IN FOREIGN STUDENTS WHILE IN THE UNITED STATES

(estimated completion March 1967; thesis project for M.A.)

<u>Author</u>: Lois Menter, International Student Center, Carbondale, Illinois

Purpose/Scope: to develop a test for measuring attitudinal change.

Title: CROSS-CULTURAL CONTACTS AND SOCIAL ADJUSTMENT OF FOREIGN NATIONALS

(begun January 1966; completed June 1966; two student papers; published: <u>International Student Studies Series</u>, #19, University of Kansas)

<u>Authors:</u> Dennis Nauman, Sharon Galichia (Clark Coan, Dean of Foreign Students) University of Kansas

Purpose/Scope: first paper -- "Conditions under which Cross-Cultural Contacts are Facilitated, with Emphasis upon Research Findings," second paper -- "Factors Influencing an Adequate Social Adjustment of a Foreign National to the United States" with attention to causation.

Methods: analysis of the literature.

ERIC

Major Findings: status and identity are threatened by simply being a foreign student in the United States; the most productive social contacts are on an informal basis, with family situation being especially pleasing to the foreign national.

Title: CULTURE SHOCK: AN EXPLORATION IN OBSERVATION

(begun November 1964; completed May 1966; published: Edmonton, Alberta, Canada -- Phi Delta Kappa, 1966, 50 pp., \$1.25)

(Attitudes and Adjustment)

Author: Dr. John Regan, Claremont School for Graduate Studies, Claremont, California

<u>Purpose/Scope</u>: to locate and define "areas of annoyance" and possible areas of potential culture shock; to develop techniques for eliciting information, i.e. "host processes;" and to present information which might assist in organization of university international exchange programs.

Methods: home invitation by host groups who asked students attending the University of Alberta questions and elicited their reactions to Canadian culture in informal ways. Subjects were limited to students from one country, and studying in one field: thirty Ugandan teachers taking a special elementary teacher education program. Reports were written at the conclusion of these visits according to a structured format.

* * * *

Title: MEXICAN-AMERICAN HIGH SCHOOL YOUTH LEADERSHIP STUDY (begun December 20, 1966; estimated completion fall 1967; available when completed)

Author: Carolyn M. Neal, University of California at Santa Barbara

<u>Purpose/Scope</u>: to determine attitudes, morality codes, majority group attitudes, reference groups, and self concepts.

Methods: through a brief leadership conference of Mexican-American (U.S. citizens) high school youth the study uses simulated activity, small group interaction and psychodrama to elicit minority group reaction.

Title: MIDDLE EASTERN STUDENTS' ADJUSTMENT AND RELATED FACTORS (begun September 1966; estimated completion spring 1967; available upon completion)

Ali Jarrahi, M.D., Department of Psychiatry, **Author:** University of North Carolina

Purpose/Scope: to study the impact of cultural factors on the adjustment of foreign students on an American campus.

questionnaires to 60 foreign students and a control Methods: group of American students.

Title: PROBLEMS OF LATIN AMERICAN STUDENTS IN U.S. INSTITUTIONS

> (begun January 1967; estimated completion June 1967; sponsored by Standard Oil Company of New Jersey)

Author: Dr. Gordon Ruscoe, NAFSA

Purpose/Scope: to probe in greater depth the problems identified in part through the recent national survey "Foreign Students in the United States, " reported by the U.S. Advisory Commission on International Educational and Cultural Affairs.

Methods: questionnaire to Los Angeles students on about twenty campuses and interviews on five or six campuses.

PSYCHOLOGICAL TESTING OF NEW FOREIGN STUDENTS Title: en en la la Maria de la Brestargo, la la response esperança de la Regional de la Regional de la Regional de la

(begun September 1966)

ERIC

Author: Dr. Milton H. Miller, Professor of Psychiatry, Director of Psychiatric Institute, University of Wisconsin Hospitals, Madison, Wisconsin

Purpose/Scope: tentatively, to discover through testing procedures factors affecting academic performance and personal adjustment; the scope of the research project is not as yet wholly defined.

(Attitudes and Adjustment)

Title: SOCIAL PSYCHOLOGICAL CORRELATES OF BLOOD PRESSURE VARIATIONS

(begun July 1966; estimated completion March 20, 1967; a part of the research is thesis project for M.A.)

<u>Author:</u> Joseph Chathaparampil, Department of Sociology, Wayne State University

<u>Purpose/Scope</u>: to systematically analyze the hypotheses that social system and socio-psychological influence are significant independent variables in blood pressure elevations and/or hypertension, in order to more precisely establish rationales for research.

Methods: blood pressure readings and interviews of a random sample of about 1,400 university students.

<u>Major Findings</u>: status inconsistency, multiples roles, and other stressful environment are found to be correlated with a high level of blood pressure.

* * * *

Title: THE PERFORMANCE OF FOREIGN STUDENTS AND AMERICAN STUDENTS ON A Q-SORT OF STATEMENT ON INTERPERSONAL RELATIONSHIPS IN THE UNIVERSITY COMMUNITY

(begun October 1966; estimated completion September 1967; to be available: University of Missouri Testing and Counseling Service)

<u>Author:</u> Dr. Purificacion Hattari, Staff Counselor, Testing and Counseling Service, University of Missouri

<u>Purpose/Scope</u>: to develop an understanding of problems related to social adjustment of foreign students, in order to be able to recognize serious problems during their development period.

Methods: approximately 400 foreign students (of 450) from 60 countries are being asked to scale their reactions to about 125 interpersonal relationship statements on a locally developed scale. Responses will be compared to those of 50-100 American students.

* * * *

FOLLOW-UP: RETURNEE AND NONRETURNEE STUDENTS AND SPECIALISTS

Title: A STUDY OF ADAPTATION BY FOREIGN STUDENTS TO THE UNITED STATES AND OF FACTORS RELATING TO RETURN AND NONRETURN

(begun June 1966)

ERIC

<u>Author:</u> Theodore L. McEvoy, Student Counseling Center, University of California at Los Angeles

<u>Purpose/Scope</u>: to identify different kinds of adaptation to the university and the American culture, and relate these kinds of adaptation and other variables to the matter of return or nonreturn to the home culture.

Methods: interviews and normative data; possible follow-up after graduation.

* * * *

Title: International migration of human capital: the case of physicians

(begun January 1967; estimated completion February 1968; thesis project for Ph.D.)

Contract to the contract of th

<u>Author:</u> Samuel Levy, Economics Department, Wayne State University

<u>Purpose/Scope</u>: to identify and measure the economic impact of physicians migrating from Britain to the U.S. and Canada, upon both their origin and destination countries.

28

ERIC

(Follow-up)

Methods: primarily those developed by Gary Becker and Burton Weisbrod in the field of human capital.

* * * *

Title: INTERNATIONAL MIGRATION OF TALENT AND SKILLS

(published: Council on International Educational and Cultural Affairs, U.S. Department of State, October 1966)

Author: Albert E. Gollin, Research Associate, Bureau of Social Science Research, Inc.

<u>Purpose/Scope</u>: a workshop/conference on the "brain drain" with special reference to underdeveloped nations. Scholars and specialists exchanged views with government officials.

FOREIGN STUDENT PROGRAMS

Title: AN ANALYTICAL STUDY OF THE FOREIGN STUDENT PROGRAM AT THE UNIVERSITY OF CINCINNATI

(begun September 1965; completed June 1966; available on University of Michigan microfilm from the University of Cincinnati Library, Western Personnel Institute)

Author: Dr. Neal R. Berte, Assistant Regional Director, College Entrance Examination Board, 625 Colfax, Evanston, Illinois 60201

<u>Purpose/Scope:</u> to review and possibly revise institutional policy for the University of Cincinnati foreign student program.

Methods: evaluative questionnaires to two groups: foreign student alumni graduating between 1960-1965 and current foreign students (1960) and a comparative review of foreign student programs at selected institutions.

Major Findings: several changes recommended and an International Center for the University of Cincinnati.

* * * *

Title: ANNUAL REPORT TO STUDENT AFFAIRS COMMITTEE AT NORTH CENTRAL COLLEGE NAPERVILLE, ILLINOIS -- 1966

Author: International Student Committee, North Central College

Purpose/Scope: to annually review foreign student policy.

Major Findings: desirability of admitting foreign students who can profitably follow instruction at an American college.

<u>Title:</u> A SURVEY OF THE HOUSING OF FOREIGN STUDENTS AT THE UNIVERSITY OF KANSAS

(begun fall 1965; completed August 1966; published: International Student Studies Series, #20, University of Kansas, August 1966)

<u>Author:</u> Clark Coan, Dean of Foreign Students, the University of Kansas, Lawrence, Kansas

Purpose/Scope: to determine the veiwpoints and attitudes of foreign students on the Kansas campus toward their current housing.

Methods: questionnaires to the 529 foreign students on nonimmigrant visas (187 responses).

Major Findings: locating temporary housing during holidays for on-campus students is an important problem and costs of off-campus rooms and apartments were higher than the writer anticipated -- otherwise, foreign students were fairly well satisfied with their housing; a variety of types of housing should be available; discrimination within housing was at a very minimum; and a considerable amount of the off-campus housing was not listed with the Kansas University Housing Office.

* * * *

(Foreign Student Programs)

<u>Title:</u> FOREIGN STUDENT ADVISER POSITION IN SOME INSTITUTIONS OUTSIDE CALIFORNIA

<u>Authors:</u> Jack B. Irvine, Jr. and Richard Morrison, Office of Counseling and Testing, Sacramento State College

<u>Purpose/Scope</u>: to survey the number and kinds of foreign student adviser positions provided at state and private colleges of varying size.

Methods: postcard survey to 40 colleges (39 responses).

Major Findings: of the nine schools with 100 to 199 foreign students, six have full-time foreign student adviser positions, one has part-time positions, and two have no allocation. Three schools showed a significant drop in their foreign student population since the American University and College's 1962-63 Census; this may be the trend in California State colleges in the next two or three years. In general, schools with less than 100 foreign students do not have a full-time foreign student adviser; those with over 200 have no consistent pattern.

Title: FOREIGN STUDENT ADVISER PROGRAMS

(fall 1966; conducted under a NAFSA In-Training grant, may be borrowed from Mrs. Katherine Bang, NAFSA)

<u>Author</u>: E. James Faubel, Director of Student Affairs, Friends University, Wichita, Kansas

<u>Purpose/Scope</u>: to study successful established foreign student adviser programs, with particular attention to running an International House, admissions procedures, TOEFL programs and improving community relations.

Methods: field trips to University of Oklahoma, University of Kansas and Kansas State Teachers College at Emporia.

* * * *

Title: International interests directory questionnaire

SURVEY

(begun February 1967; estimated completion April 1967)

Author: Mrs. Sonia Robinson, (Acting) Director of International

Education, State University of New York at Buffalo

<u>Purpose/Scope</u>: to determine faculty interest in international studies, including interest in overseas assignment, and to make such information available in a punched

card index.

Methods: questionnaire to 2,571 faculty members.

Title: JUNIOR COLLEGE FOREIGN STUDENT PROGRAM SURVEY

(begun November 1966; estimated completion May 1967; available upon completion)

<u>Authors:</u> Howard Durham, Foreign Student Adviser, San Mateo Junior College, California; and Douglas Matthewson, Foreign Student Adviser, Miami-Dade Junior College,

Miami, Florida 33167

ERIC FAMILIANT PROVIDED BY ERIC

<u>Purpose/Scope</u>: to determine the nature and extent of present foreign student programs in two-year colleges and to ascertain the future role of these colleges in the field of international education.

Methods: questionnaires to all public and private junior colleges in the United States.

* * *

ORIENTATION AND HOST PROGRAMS

Title: A SOCIOLOGICAL ANALYSIS OF THE PURPOSES, STRUCTURE, DEVELOPMENT, AND FUNCTIONS OF THE INTERNATIONAL INSTITUTE, DETROIT

(begun April 1966; estimated completion summer 1967; thesis project for Ph.D.)

Author: Jumuna Bai, Graduate School, Wayne State University

<u>Purpose/Scope</u>: to identify the underlying philosophy of the International Institute.

Methods: questionnaires (3,000) and interviews (50).

Title: A SURVEY OF THE RELIGIOUS ACTIVITIES OF THE PROTESTANT INTERNATIONAL STUDENTS IN SEATTLE

(begun May 1966; completed February 1967; thesis project for M.A.; xerox copy may be purchased from author)

Author: Rev. Christdoss D. Thomas, 2585 Third Avenue, West, Seattle, Washington

<u>Purpose/Scope</u>: to compare foreign students' religious activities before coming to the United States with their religious activities while in the United States.

Methods: questionnaires to all Protestant international students in Seattle in the spring of 1966. Of 204, 144 responded.

Major Findings: international students are significantly neglectful of religious activities in their host country.

Title: ATTITUDES AND OPINIONS OF FOREIGN STUDENTS OF THE AMERICAN CHARACTER

(begun September 1966; estimated completion August 1967; thesis project for M.S.; available: after August 1967)

<u>Author</u>: Robert K. Luther, Assistant Foreign Student Adviser, Wayne State University

<u>Purpose/Scope</u>: to elicit opinions on a number of questions.

Methods: questionnaire designed for answering by checking a number from 1 to 5 scaled from strongly agree" to "strongly disagree."

*** * ***

Title: EFL AS PART OF A REGIONAL ORIENTATION CENTER

(begun June 1964; completed December 1965; published: Language Learning Vol. XV, Nos. 3 & 4, pp. 129-131)

<u>Author:</u> Don L. F. Nilsen, Coordinator, Teacher Education Program, English Language Institute, University of Michigan

<u>Purpose/Scope</u>: to investigate the possibilities of establishing an orientation and EFL center to service units of the State University of New York (probably at the Oswego campus).

<u>Methods</u>: substantial reliance upon the author's experience with the Regional Council Center at the University of Pittsburgh.

Major Findings: a regional center operating during summers and on a major campus is better than separate programs on individual campuses in several respects.

* * * *

34

ERIC

(Orientation and Host Programs)

Title: THE AMERICAN SCENE AND THE AMERICAN LANGUAGE

(begun January 1967; publishing date indefinite)

<u>Author</u>: Charlotte A. Kwiat, Department of English, University of Minnesota

Purpose/Scope: to answer questions about a cross-section of American life and culture, leisure time activities, and recreation facilities -- to be used abroad in classes for English as a foreign language.

Title: THE INFLUENCE OF FOREIGN VISITORS OF THE INTEREST OF CERTAIN ADULT MEMBERS OF A HOSTING COMMUNITY IN PARTICIPATING IN INTERNATIONALLY ORIENTED ACTIVITIES

(begun anuary 1966; completed December 1966; thesis project for Ed.D.)

Author: Max E. Benne, Western Michigan University, Kalamazoo, Michigan (in cooperation with The Christian Rural Hospitality Council)

Purpose/Scope: to determine what influence a four-day homestay of foreign students would have on members of the host community (Chesaning, Michigan) in regard to their participation in internationally oriented activities.

Methods: hosts completed questionnaires both before and after the homestay; 209 people initially completed the questionnaires, 97 from the second round were usable.

Major Findings: there was an increase, though not statistically significant, in the interest of the community members; and there were significant differences in the increase of interest between groups of people experiencing different types of contact with visitors.

Title: THE PREPARATION OF MISSION WORKERS

(begun January 1966; completed June 1966; available: The Cincinnati Bible Seminary, 2700 Glenway Avenue, Cincinnati, Ohio)

<u>Author:</u> Willard W. Winter, Academic Dean, The Cincinnati Bible Seminary

<u>Purpose/Scope</u>: to ascertain the kinds of academic courses required as preparation for work in international Christian education.

Methods: a survey of three different groups of institutions largely devoted to the preparation of Christian workers.

Major Findings: schools belonging to the Accrediting Association of Bible colleges and to Accredited Members of the American Association of Theological Schools and Seminaries offer more mission preparation courses than those surveyed from the Catholic Directory.

TRAINING OPPORTUNITIES FOR YOUTH LEADERSHIP

Title: THE 1966 SUMMER LEADERSHIP PROGRAMS

(prepared for: The Office of International Training Agency for International Development; published: Bureau of Social Science Research, Inc., 1200 Seventeenth Street, N.W., Washington, D.C. 20036; over 57 pp.)

Author: Gene B. Petersen, Research Associate

Purpose/Scope: to combine reports on the conduct and outcome of seven of the 1966 TOYL summer programs for self-sponsored foreign students with evaluative commentary and recommendations.

Methods: questionnaires and involvement in the seminars.

U.S. STUDENTS ABROAD

Title: EFFECTIVENESS OF STUDY ABROAD

(begun November 1965; completed April 1966)

<u>Author:</u> Norma Benney, Institute for American Universities, 2, Rue du Bon-Pasteur, Aix-en-Provence, France

<u>Purpose/Scope</u>: to evaluate the effect of study abroad upon academic achievement and personal development in American undergraduates.

Methods: questionnaire to 1,000 Americans who had studied in Aix-en-Provence from 1958 to 1965.

Title: PERSONALITY CHARACTERISTICS OF FOREIGN STUDY STUDENTS
ASSOCIATED WITH ITALIAN LANGUAGE LEARNING

(completed in 1966)

<u>Author:</u> David A. Payne, Assistant Professor of Education, Syracuse University

Purpose/Scope: to identify which sub-scales on Stern's Activities Index are significantly related to academic performance of Syracuse Semester-In-Italy students.

Analyses are concerned with both language and non-language proficiencies. There was an on-campus control group.

LANGUAGE AND LINGUISTICS

Title: INDONESIAN-ENGLISH SOUND CONTRASTS

(currently underway spring 1967; available upon completion)

<u>Author</u>: John C. Fisher, Professor of English, State University College at Oswego, New York

<u>Purpose/Scope</u>: to attempt to distinguish which English sounds are found in the major Indonesian dialects.

Methods: native informants and previously published research data.

Title: INTERMEDIATE READINGS IN TAGALOG

(begun 1961; estimated completion June 1967; conducted with support from an Office of Education grant; publisher: University of California Press)

<u>Author</u>: J. Donald Bowen, Professor of English, University of California at Los Angeles

<u>Purpose/Scope</u>: to provide follow-up reading experience which would inform students in culture and language, after <u>Beginning Tagalog</u>.

<u>Methods</u>: early items especially written for project under strict vocabulary and structure control. Later items adapted to student needs. Articles, short stories, poems, plays.

Major Findings: successfully used in preliminary form.

ERIC

(Language and Linguistics)

Title: THE ROLE OF COMMUNICATION IN TRAINING AND EDUCATION,
OVERCOMING BARRIERS TO UNDERSTANDING WITH THE
DEVELOPING COUNTRIES

(begun March 1966; estimated completion summer 1967; publisher: Frederick A. Praeger, Inc.)

<u>Author:</u> Ernst M. Sinauer, Director, International Training Institute, 1666 Connecticut Avenue, Washington, D.C. 20009

<u>Purpose/Scope</u>: to describe and analyze the learning problem of foreign students making a transition into a different culture especially when the problem is aggravated by language barriers.

Methods: analysis of statistics of academic and non-academic students; of these the non-English speakers are emphasized.

Major Findings: the study suggests different solutions based on linguistic characteristics of different countries.

Title: VERBAL BEHAVIOR OF BILINGUALS

(begun 1959; published in part: "An Analysis of the Interaction of Language, Topic, and Listener," American Anthropologist. 66, pp. 86-102, 1964)

<u>Author:</u> Susan M. Ervin-Tripp, Associate Professor of Speech, University of California at Berkeley

Purpose/Scope: to analyze the relation between language, topic, and listener in influencing linguistic variables in the speech of bilinguals and the effects of background factors in the changes in content for a variety of verbal measures in two languages.

Methods: English-Japanese subjects, interviews, topic and interlocuter variation, questionnaires, and language testing. Major Findings: a large impact of topic on linguistic variables such as lexical borrowing and interaction of topic with ehtnic background of listener in determining fluency; marked variation of content with language spoken.

TEACHING ENGLISH AS A SECOND LANGUAGE

Title: DIFFICULTIES OF THE SPANISH SPEAKER WHO IS LEARNING ENGLISH AS A SECOND LANGUAGE

(ongoing analysis)

Author: Donald M. Decker, Ph.D., Chairman, English as a Second Language, Elbert Covell College, University of the Pacific, Stockton, California

Purpose/Scope: Elbert Covell College, the only Spanish speaking college in the U.S., enrolls five levels of Spanish-speaking students and teaches English as a foreign language.

Title: PRELIMINARY STUDIES IN THE DEVELOPMENT OF TECHNIQUES FOR THE TESTING OF OVERALL PROFICIENCY IN A SECOND LANGUAGE

(begun January 1966; estimated completion June 1967; conducted with grant from the Ford Foundation through the Indiana Language Program; preliminary report available from author)

<u>Author:</u> Bernard Spolsky, Director, English as a Foreign Language Program, Indiana University

<u>Purpose/Scope</u>: to measure a subject's ability to understand messages under various conditions of distortion of the conducting medium.



(Teaching English as a Second Language)

Methods: a test has been developed and tried out so far with over 100 foreign students. Results have been correlated with other measures of English proficiency.

<u>Major Findings</u>: to date, the present form of the test is simple and quick to administer (20 minutes); relatively easy to score; and correlates very well with a more complex battery of tests and interviews.

* * * *

Title: SPOKEN ENGLISH FOR TURKS

(begun 1963; estimated completion 1968; support by a Ford Foundation grant for English Language Teaching Materials, Spoken English for Turks, Books I-XII, edited by Sheldon Wise, \$10 a set, available from author; Books XIII-XVIII in progress)

Authors: Sheldon Wise, Director English Language Division, Robert College, Bebek, Istanbul, Turkey; Bruce Downing, Mathew Charles, Alan Ovenden (current collaborators)

Purpose/Scope: to provide teaching materials for a one-year program to give Turkish students a sufficient command of English for them to carry on college work in English; to provide a new model of how to teach a language.

Methods: experimentation through nine years of teaching elementary English to Turks; first 10 books have been used at Robert College, at Middle East Technical University (with 1,000 English-preparatory students in full-time course), at Ataturk University in Erzurum, and at Hacettepe Medical Institute in Ankara.

* * * *

Title: THE NATURE AND EXTENT OF TEACHING ENGLISH AS A FOREIGN LANGUAGE

(begun November 1966; completed December 1967; thesis project for M.A.)

<u>Author:</u> Josephine Arriza, Department of Speech and Drama, University of Colorado

<u>Purpose/Scope</u>: to determine some significant aspects of the demand abroad for trained teachers of English as a foreign language.

Methods: questionnaires to major foundations, UNESCO, USIA,
and 218 foreign universities.

Title: THE PREDICTIVE VALIDITY OF THE TEST OF ENGLISH AS A FOREIGN LANGUAGE (TOEFL)

(begun December 1966; estimated completion March 1970; sponsored by Educational Testing Service and the College Entrance Examination Board)

Author: John J. Howell, Director, New Jersey Educational Research, 2479 Pennington Road, Trenton, New Jersey 08638

<u>Purpose/Scope</u>: to provide data on the contribution of the TOEFL battery to the prediction of the academic success of foreign students of non-English language background in conjunction with aptitude measures.

Methods: TOEFL scores, SAT or GRE aptitude test scores, grade point averages and other data on undergraduate and graduate students of non-English language background will be obtained from eight universities.

ERIC

(Teaching English as a Second Language)

Title: TWO COMPARATIVE STUDIES OF ENGLISH PROFICIENCY OF FOREIGN STUDENTS AT THE UNIVERSITY OF KANSAS:

A COMPARATIVE STUDY OF ENGLISH PROFICIENCY OF CHINESE STUDENTS WITH STUDENTS FROM OTHER COUNTRIES A COMPARATIVE STUDY OF ENGLISH PROFICIENCY OF INDIAN STUDENTS AT THE UNIVERSITY OF KANSAS WITH THAT OF THE STUDENTS COMING FROM OTHER COUNTRIES WHOSE MOTHER TONGUE IS NOT ENGLISH

(begun spring 1966; begun fall 1964 and fall 1965; published: <u>International Student Studies Series</u>, #18, The University of Kansas, June 1966)

<u>Authors:</u> Christopher Chi and D. S. Shivananda, University of Kansas

<u>Purpose/Scope</u>: to determine the seriousness of the language barrier and the comparative English proficiency of Chinese or Indian students with other foreign students.

Methods: testing of six groups: Chinese, Indian, Arabian, African, and Latin American (303 students).

Major Findings: the language problem is serious for Chinese students in comparison to other foreign students.

Only students from European countries were found to be superior to the Indian students in English proficiency.

* * * *

LATE ENTRIES

Title: ACHIEVEMENT MOTIVATION, STIMULUS SEEKING AND EARLY RECOLLECTIONS OF MALE THAI UNIVERSITY STUDENTS

Authors: William Berkowitz, Professor, Psychology Department,
Lafayette College, Easton Pennsylvania; Jack Shaffer,
Professor, Psychology Department, Humboldt State
College, California

<u>Purpose/Scope</u>: to study interrelationships of strength of need achievement, stimulus seeking behavior, and early recollections.

Methods: McClellands T.A.T. pictures, a stimulus seeking scale, and the written early recollections of 80 male Thai university students with leadership potential and prospects.

Title: COMPARATIVE SAUDI ARABIAN GROUP STUDY

ERIC

(begun October 1965; completed September 1966; available: Center for International Programs, Michigan State University, East Lansing, Michigan)

<u>Authors:</u> August G. Benson, Richard E. Miller, and James Van Eerden, 110 Center for International Programs, Michigan State University

<u>Purpose/Scope</u>: to compare two groups of Saudi Arabian students and the effects of a structured educational program as opposed to a non-structured program. Hypotheses and recommendations will be made.

Methods: two groups, 10-12 students in each group. The structured program involves periodic counseling, guidance programs (educational and social), special supervision in housing, and personal concerns, and testing.

(Late Entries)

Title: SECONDARY SCHOOL TEACHER EDUCATION IN TRANSITION:
BOMBAY UNIVERSITY 1857-1964

(begun June 1963; completed August 1966; thesis project for Ph.D.; publisher: Asia Publishing House, 1967)

<u>Author:</u> John P. Lipkin, School of Education, University of Virginia

Purpose/Scope: to ascertain the extent to which the three training colleges affiliated to Bombay University have reformed their training programs for secondary teachers along lines proposed by the Modaliar Commission in 1953 and to identify the conservative and progressive influences in these institutions.

Methods: historical documents, interviews and observation.

Major Findings: basic reforms of the Modaliar Commission have not been instituted by the training colleges. This is as much a function of the inappropriate goals as the inability of the training colleges to reform.

* * * *

Title: STUDY ABROAD AND THE MIGRATION OF HUMAN PESOURCES

(begun January 1, 1966; estimated completion summer 1967; conducted under Carnegie Corporation of New York grant)

Author: Robert G. Myers, Comparative Education Center, 5835 Kimbark Avenue, Chicago, Illinois 60636

<u>Purpose/Scope</u>: to develop a theoretical framework for assessing the role of study abroad in economic development and to examine in detail one parameter -- the failure of foreign students to return home.

Methods:

empirical work to include a summary of foreignstudent nonreturn, using 1964-65 IIE foreignstudent-census date; nonreturn to be correlated
with information available from the census; and
an index of intended nonreturn will be examined
cross-nationally. A case study of Peruvian nonreturn, based on interviews with about 50 nonreturning and 185 returning Peruvians, will
explore motivations for returning home or not.
Emphasis will be placed on economic motivations.
Cost-benefit analysis will be applied to income
expectations.

ERIC Profits by Eric

AUTHOR INDEX

Arbaiza, Norman D., 3

Arriza, Josephine, 41

Ashford, Douglas, E., 8

Bai, Jumuna, 32

Bateman, David N., 4

Baumgartel, Howard, 6, 11

Beauchamp, George A., 2

Benne, Max E., 34

Benney, Norma, 36

Benson, August G., 43

Berkowitz, William, 43

Berte, Neal R., 28

Bowen, J. Donald, 37

Brewin, Margaret J., 1

Charles, Mathew, 40

Chathaparampil, Joseph, 26

Chi, Christopher, 42

Chiba, Mrs. Akiko, 22

Coan, Clark, 29

Cohen, Sanford, 4

Decker, Donald M., 39

Deutsch, Steven, 11

Dodd, Peter C., 9

Dorai, Gopal C., 10

Downing, Bruce, 40

Durham, Howard, 31

Eriksen, Erik Paul, 21

Ervin-Tripp, Susan M., 38

Falconer, Judith, 13

Faubel, E. James, 30

Feinberg, Lilian Okner, 18

Fisher, John C., 37

Fraser, Stewart E., 2

Fuller, Robin B., 18

Galichia, Sharon, 23

Gollin, Albert E., 28

Halasz, Mrs. Sari C., 19

Hattari, Purificacion, 20, 26

Hickey, Gerald F., 19

Hope, Lannes, 14



Horness, Simon A., 16

Howell, John J., 41

Imamura, Shigeo, 15

Irvine, Jack B., Jr., 30

Jacobs, Wilber R., 6

Jarrahi, Ali, 25

Jenks, Jeffrey, 9

Jones, Earl, 13

Kim, Hyung-chan, 2

Kinsman, Robert S., 19

Kwiat, Charlotte A. 34

Lara, Emilia V., 17

Levy, Samuel, 27

Lipkin, John P., 44

Luther, Robert K., 33

Matthewson, Douglas, 31

McEvoy, Theodore L., 27

Menter, Lois, 23

Miller, Milton H., 25

Miller, Richard E., 43

Mongcal, Corina K., 1

Morrison, Richard, 30

Munn, Merton D., 3

Myers, Robert G., 44

Nauman, Dennis, 23

Neal, Carolyn, 24

Nilsen, Don L. F., 33

North Central College, 29

Ovenden, Alan, 40

Pal, Agaton P., 8

Payne, David A., 36

Petersen, Gene B., 35

Polson, Robert A., 8

Regan, John, 23

Robinson, Mrs. Sonia, 31

Ruscoe, Gordon, 25

Sanders, Irwin T., 13

Schnitzen, Joseph P., 15

Searles, John E., 5

Shaffer, Jack, 43

Sharp, T. E., 20

Shivananda, D. S., 16, 42

Silverthorne, C. P., 22

Sinauer, Ernst M., 38

48

Spolsky, Bernard, 39

Springer, George P., 12

Subudhi, Purna Chandra, 7

Thomas, Rev. Christdoss D., 32

Toll, Stewart F., 3

Van Eerden, James, 43

Verma, Yugeshwar Prasad, 5

Wilcox, Lee, 17

Winter, Willard W., 35

Wise, Sheldon, 40

ERIC **

*Full Text Provided by ERIC**